

Amendments to the Claims:

Please amend the claims as follows:

1. (Original) A cooling system used in a hybrid system which includes an internal combustion engine, a drive mechanism including a motor, and a drive circuit for driving the motor, comprising:

a first cooling system which includes a first cooling device for cooling a cooling medium, and in which the cooling medium that has been cooled by the first cooling device is delivered to the drive mechanism, and then to the internal combustion engine, and is returned to the first cooling device so that the drive mechanism and the internal combustion engine are cooled; and

a second cooling system which includes a second cooling device for cooling the cooling medium, and in which part of the cooling medium delivered from the first cooling device is cooled by the second cooling device, and the cooling medium cooled by the second cooling device is returned to the first cooling system through the drive circuit so that the drive circuit is cooled.

2. (Original) The cooling system according to claim 1, wherein in the second cooling system, after the cooling medium cools the drive circuit, the cooling medium is returned to a portion downstream of the drive mechanism in the first cooling system.

3. (Currently amended) The cooling system according to claim 1 [[or. 2]], wherein the second cooling system further includes a flow rate adjusting means portion for adjusting a flow rate of the cooling medium.

4. (Currently amended) The cooling system according to ~~any one of claims 1 to 3~~ claim 1, wherein the internal combustion engine includes plural operation systems each of which includes at least one cylinder, and each of the plural operation systems can be separately operated; and in the first cooling system, a flow of the cooling medium is split such that the cooling medium is separately delivered to each of the plural operation systems of the internal combustion engine, and each of the plural operation systems is separately cooled.

5. (Currently amended) The cooling system according to claim 4, wherein the first cooling system further includes plural pressure-delivery ~~means~~ portions each of which delivers, under pressure, the cooling medium to a corresponding operation system among the plural operation systems.

6. (Currently amended) The cooling system according to claim 5, wherein the first cooling system further includes a pressure-delivery control ~~means~~ portion for controlling driving of the plural pressure-delivery ~~means~~ portions based on an operating state of the internal combustion engine.

7. (Currently amended) The cooling system according to claim 6, wherein the pressure-delivery control ~~means~~ portion controls driving of the plural pressure-delivery ~~means~~ portions such that the cooling medium is delivered under pressure only to an operation system that is being operated among the plural operation systems.

8. (Currently amended) The cooling system according to claim 6 [[or 7]], wherein in a case where at least one of the plural operation systems is being operated, and an operation system that has not been operated starts to be operated, the pressure-delivery control ~~means~~ portion controls driving of the pressure-delivery ~~means~~ portions for delivering, under pressure, the cooling medium to the operation system that will start to be operated such that the cooling medium flows back to the operation system that will start to be operated for a predetermined time period before the operation system starts to be operated.

9. (Currently amended) The cooling system according to ~~any one of claims 4 to 8~~ claim 4, wherein the first cooling device can separately cool the cooling medium that has been delivered from each of the plural operation systems of the internal combustion engine.

10. (Original) The cooling system according to claim 9, wherein the first cooling device includes an inlet portion which separately receives the cooling medium that has been delivered from each of the plural operation systems of the

internal combustion engine; a cooling portion which separately cools the cooling medium that has been delivered from each of the plural operation systems; and an outlet portion from which the cooling medium that has been delivered from each of the plural operation systems and has been separately cooled is discharged.

11. (Currently amended) The cooling system according to ~~any one of claims 1 to 10~~ claim 1, wherein the first cooling device and the second cooling device cool the cooling medium using heat exchange with outside air.

12. (Currently amended) The cooling system according to ~~any one of claims 1 to 11~~ claim 1, wherein the hybrid system is a hybrid vehicle which can run using power supplied from the internal combustion engine and power supplied from the motor, and each of the first cooling device and the second cooling device includes a radiator.